THE ACM DIGITAL LIBRARY

Feedback Report a problem Satisfaction survey

Terms used
web based application development server side ASP dynamic

Found 47 of 123,929

Sort results by   [relevance ▼]   ● Save results to a Binder   Try an Advanced Search
Display results [expanded form ▼]   ? Search Tips   Try this search in The ACM Guide
                                         ☐ Open results in a new
                                            window

Results 1 - 20 of 47   Result page: **1** 2 3 next

Relevance scale ☐ ☐ ▭ ◼ ◼

◼

1 DDD papers: Domain driven web development with WebJinn
Sergei Kojarski, David H. Lorenz
October 2003 **Companion of the 18th annual ACM SIGPLAN conference on Object-oriented programming, systems, languages, and applications**
Full text available: 📄 pdf(266.32 KB)   Additional Information: full citation, abstract, references, index terms

Web application development cuts across the HTTP protocol, the client-side presentation language (HTML, XML), the server-side technology (Servlets, JSP, ASP, PHP), and the underlying resource (files, database, information system). Consequently, web development concerns including functionality, presentation, control, and structure cross-cut, leading to tangled and scattered code that is hard to develop, maintain, and reuse. In this paper we analyze the cause, consequence, and remedy for this cros ...

Keywords: JSP, adaptability, aspect-oriented programming (AOP), crosscutting concerns, dynamic pages, generative programming, inter-crosscutting, intra-crosscutting, model-view-controller (MVC), reusability, scattering, struts, tangling, web application, web development, web programming

◼

2 Software engineering for Web application development
Samuel Hsieh
October 2003 **The Journal of Computing in Small Colleges**, Volume 19 Issue 1
Full text available: 📄 pdf(109.45 KB)   Additional Information: full citation, abstract, references, index terms

A methodology for Web-based application development is presented. The methodology serves as a road map to guide student project development. Project development proceeds in three phases: structural design, detailed design, and implementation. Structural design views a system at the Web-page level, detailed design deals with intra-page issues, and implementation is logically segmented into four steps: implementation of the visual interface, client-side scripting, sever-side scripting for the visi ...

◼

3 Model-driven development of Web applications: the AutoWeb system
Piero Fraternali, Paolo Paolini
October 2000 **ACM Transactions on Informati n Systems (TOIS)**, Volume 18 Issue 4
Full text available: 📄 pdf(6.94 MB)   Additional Information: full citation, abstract, ref rences, citings, index terms

This paper describes a methodology for the development of WWW applications and a tool environment specifically tailored for the methodology. The methodology and the development environment are based upon models and techniques already used in the hypermedia, information systems, and software engineering fields, adapted and blended in an original mix. The foundation of the proposal is the conceptual design of WWW applications, using HDM-lite, a notation for the specification of structure, nav ...

Keywords: HTML, WWW, application, development, intranet, modeling

4 <u>Tools and approaches for developing data-intensive Web applications: a survey</u>
Piero Fraternali
September 1999 **ACM Computing Surveys (CSUR)**, Volume 31 Issue 3

Full text available: <u>pdf(524.80 KB)</u>   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>citings</u>, <u>index terms</u>

The exponential growth and capillar diffusion of the Web are nurturing a novel generation of applications, characterized by a direct business-to-customer relationship. The development of such applications is a hybrid between traditional IS development and Hypermedia authoring, and challenges the existing tools and approaches for software production. This paper investigates the current situation of Web development tools, both in the commercial and research fields, by identifying and characte ...

Keywords: HTML, Intranet, WWW, application, development

5 <u>Full Technical Papers: Dynamic web page authoring by example using ontology-based domain knowledge</u>
José A. Macías, Pablo Castells
January 2003 **Proceedings of the 2003 international conference on Intelligent user interfaces**
Full text available: <u>pdf(469.78 KB)</u>   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>index terms</u>

Authoring dynamic web pages is an inherently difficult task. We present DESK, an interactive authoring tool that allows the customization of dynamic page generation procedures with no a-priori tool-specific skill requirements from authors. Our approach consists of combining Programming By Example (PBE) techniques with an ontology-based representation of knowledge displayed in web pages. DESK acts as a client-side complement of a dynamic web page generation system, PEGASUS, which generates HTML p ...

Keywords: knowledge-based UI design, model-based paradigm, ontology, programming by example

6 <u>Human-computer interaction: AnWeb: a system for automatic support to web application verification</u>
Eugenio Di Sciascio, Francesco M. Donini, Marina Mongiello, Giacomo Piscitelli
July 2002 **Proceedings of the 14th international conference on Software engineering and knowledge engineering**
Full text available: <u>pdf(230.24 KB)</u>   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>index terms</u>

In this paper we propose a formal method for web applications verification. The verification process is carried out by checking that either the system always satisfies a model of the specifications or by producing a counter-example.We represent the system as a Kripke structure and model a web site as a graph. Model checking is reformulated as checking that each initial state satisfies the specifications. We adopt Computation Tree Logic (CTL) as language to define the properties to be verified.Th ...

Keywords: computation tree logic, web application

7 <u>Data integrity: Web application security assessment by fault injection and behavior</u>
<u>monitoring</u>
Yao-Wen Huang, Shih-Kun Huang, Tsung-Po Lin, Chung-Hung Tsai
May 2003 **Proceedings of the twelfth international conference on World Wide Web**

Full text available: 📄 <u>pdf(4.53 MB)</u>   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>index terms</u>

As a large and complex application platform, the World Wide Web is capable of delivering a broad range of sophisticated applications. However, many Web applications go through rapid development phases with extremely short turnaround time, making it difficult to eliminate vulnerabilities. Here we analyze the design of Web application security assessment mechanisms in order to identify poor coding practices that render Web applications vulnerable to attacks such as SQL injection and cross-site scr ...

Keywords: black-box testing, complete crawling, fault injection, security assessment, web application testing

8 <u>Developing and enhancing a client/server programming for internet applications course</u>
W. Sam Chung, Don McLane
December 2002 **The Journal of Computing in Small Colleges**, Volume 18 Issue 2

Full text available: 📄 <u>pdf(78.77 KB)</u>   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>index terms</u>

The purpose of this paper is to describe the development and enhancement of a Client/Server (C/S) programming for Internet applications course in Computer Science (CS) curriculum. If a CS program has used Java as the first programming language and the program does not have enough resources to support the C/S course development with proprietary environments, it will bring an issue: how can we develop and enhance the C/S programming for Internet applications course? We develop the course by integr ...

9 <u>Component-centric approach in a web-based home schooling application</u>
Lin Chen, Youwen Ouyang
March 2001 **Proceedings of the 2001 ACM symposium on Applied computing**

Full text available: 📄 <u>pdf(210.33 KB)</u>   Additional Information: <u>full citation</u>, <u>references</u>, <u>index terms</u>

Keywords: JSP, client/server, component-centric, education and technology transfer, web-based application

10 <u>To teach the unteachable class: an experimental course in web-based application</u>
<u>design</u>
Kevin Treu
February 2002 **ACM SIGCSE Bulletin , Proceedings of the 33rd SIGCSE technical symposium on Computer science education**, Volume 34 Issue 1
Full text available: 📄 <u>pdf(478.57 KB)</u>   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>citings</u>

In the current Web-dominated computing environment, it is increasingly important that students learn the principles of Web-based application design. But this topic is so broad and includes so many different technologies that it is virtually impossible to design an effective class around the traditional lecture-based model. This paper describes a successful approach to teaching the subject that uses a seminar format and features faithful simulation of real

world development processes, meaningful ...

11 Secure virtual enclaves: Supporting coalition use of distributed application technologies ■

May 2001 **ACM Transactions on Inf rmation and System Security (TISSEC)**, Volume 4
Issue 2

Full text available: 📄 pdf(462.10 KB)   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>index terms</u>, <u>review</u>

The Secure Virtual Enclaves (SVE) collaboration infrastructure allows multiple organizations
to share their distributed application objects, while respecting organizational autonomy over
local resources. The infrastructure is transparent to applications, which may be accessed via
a web server, or may be based on Java or Microsoft's DCOM. The SVE infrastructure is
implemented in middleware, with no modifications to COTS operating systems or network
protocols. The system enables dynamic updates to ...

Keywords: Access control, coalition, collaborative system, group communication,
middleware, security policy

12 Vinci: a service-oriented architecture for rapid development of web applications ■

Rakesh Agrawal, Roberto J. Bayardo, Daniel Gruhl, Spiros Papadimitriou
April 2001 **Proceedings of the tenth international conference on World Wide Web**

Full text available: 📄 pdf(472.82 KB)   Additional Information: <u>full citation</u>, <u>references</u>, <u>citings</u>, <u>index terms</u>

13 UI and Applications: A graphical user interface toolkit approach to thin-client computing ■

Simon Lok, Steven K. Feiner, William M. Chiong, Yoav J. Hirsch
May 2002 **Proceedings of the eleventh international conference on World Wide Web**

Full text available: 📄 pdf(1.56 MB)   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>index terms</u>

Network and server-centric computing paradigms are quickly returning to being the
dominant methods by which we use computers. Web applications are so prevalent that the
role of a PC today has been largely reduced to a terminal for running a client or viewer such
as a Web browser. Implementers of network-centric applications typically rely on the limited
capabilities of HTML, employing proprietary "plug ins" or transmitting the binary image of an
entire application that will be executed on the cl ...

Keywords: client-server systems, network computing, remote method invocation, user
interface toolkit

14 Current technological impediments to business-to-consumer electronic commerce ■

Gregory Rose, Huoy Khoo, Detmar W. Straub
June 1999 **Communications of the AIS**

Full text available: 📄 pdf(479.36 KB)   Additional Information: <u>full citation</u>, <u>references</u>, <u>citings</u>

15 Workshop on web engineering: Web engineering: managing the complexity of web ■
systems development

Athula Ginige
July 2002 **Pr ceedings of the 14th international conference on Software engineering
and knowledge engineering**

Full text available: 📄 pdf(264.57 KB)   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>index terms</u>

In the last few years our knowledge about how to develop large complex web systems have grown rapidly. In this paper we attempt to arrange this knowledge into a schema based on how our knowledge gets matured as we get more experience in developing large complex web systems. Based on this we propose a systematic approach to developing large complex web systems. We call this body of knowledge consisting of technologies, methodologies and standards that enable us to successfully develop large compl ...

Keywords: process model, product model, web engineering, web page construction, web page design, web site construction, web site design, web system design

16 Integrating web sites and databases

Mike Morrison, Joline Morrison, Anthony Keys
September 2002 **Communications of the ACM**, Volume 45 Issue 9

Full text available: pdf(135.26 KB)   Additional Information: full citation, abstract, references, index terms
                  html(44.19 KB)

Web site developers creating 'data-based Web pages' that interact with organizational databases need to know server- and client-side processing.

17 Quantifying aspects in middleware platforms

Charles Zhang, Hans-Arno. Jacobsen
March 2003 **Proceedings of the 2nd international conference on Aspect-oriented software development**
Full text available: pdf(1.26 MB)   Additional Information: full citation, abstract, references, index terms

Middleware technologies such as Web Services, CORBA and DCOM have been very successful in solving distributed computing problems for a large family of application domains. As middleware systems are getting widely adopted and more functionally mature, it is also increasingly difficult for the architecture of middleware to achieve a high level of adaptability and configurability, due to the limitations of traditional software decomposition methods. Aspect oriented programming has brought us new de ...

Keywords: aspect mining, aspect oriented programming, distributed systems, evaluation and metrics, middleware, software architecture

18 Evaluating the reverse engineering capabilities of Web tools for understanding site content and structure: a case study

Scott Tilley, Shihong Huang
July 2001 **Proceedings of the 23rd international conference on Software engineering**

Full text available: pdf(360.47 KB)   Additional Information: full citation, abstract, references, citings, index
                  Publisher Site   terms

This paper describes an evaluation of the reverse engineering capabilities of three Web tools for understanding site content and structure. The evaluation is based on partitioning Web sites into three classes (static, interactive, and dynamic), and is structured using an existing reverse engineering environment framework (REEF). This case study also represents an initial evaluation of the applicability of the REEF in the related but qualitatively different domain of Web sites. The case stu ...

19 Technical papers: design recovery: Architecture recovery of web applications

Ahmed E. Hassan, Richard C. Holt
May 2002 **Proceedings of the 24th international conference on Software engineering**

Full text available: pdf(1.23 MB)   Additional Information: full citation, abstract, references, index terms

Web applications are the legacy software of the future. Developed under tight schedules, with high employee turn over, and in a rapidly evolving environment, these systems are often poorly structured and poorly documented. Maintaining such systems is problematic.This paper presents an approach to recover the architecture of such systems, in order to make maintenance more manageable. Our lightweight approach is flexible and retargetable to the various technologies that are used in developing web ...

20 Teaching Web development technologies in CS/IS curricula

Billy B. L. Lim

March 1998 ACM SIGCSE Bulletin , Proceedings of the twenty-ninth SIGCSE technical symposium on Computer science education, Volume 30 Issue 1

Full text available: pdf(660.02 KB)   Additional Information: full citation, abstract, references, citings, index terms

The advent of the World Wide Web changes the way we do things. It also greatly changes how computer software are built. While this profound evolution of software development has caused many in the software industry to change their way of developing software, it has not caused many in the academics to change their way of teaching computing. This paper describes a course that teaches web development technologies. The contents of the course, the experience gained, and related educational resources ...

Results 1 - 20 of 47   Result page: 1 2 3 next

THE ACM DIGITAL LIBRARY

⌖ Feedback Report a problem Satisfaction survey

Terms used
web based application development server side ASP dynamic

Found **47** of **123,929**

Sort results by   [relevance ▼]
Display results   [expanded form ▼]

◆ Save results to a Binder
? Search Tips
☐ Open results in a new window

Try an Advanced Search
Try this search in The ACM Guide

Results 21 - 40 of 47   Result page: previous **1 2 3** next

Relevance scale ☐ ☐ ▣ ▩ ■

21 Design and implementation of a new course: creating databases for web applications   ■
Jeanine Meyer, Michael Conry
May 2002 **The Journal of Computing in Small Colleges**, Volume 17 Issue 6

Full text available: ▨ pdf(55.81 KB)   Additional Information: full citation, abstract, references, index terms

> This paper describes a new course offered at our institution in which students are introduced to concepts and tools to build web applications involving databases. The intent of the course is to give students experience with specific server-side programming technologies as well as general planning methods such as entity-relationship, process and storyboard diagramming. The latter is intended to instill appreciation of systems design. The design and implementation of the course is based on profess ...

22 Enabling full service surrogates using the portable channel representation   ■
Micah Beck, Terry Moore, Leif Abrahamsson, Christophe Achouiantz, Patrick Johansson
April 2001 **Proceedings of the tenth international conference on World Wide Web**

Full text available: ▨ pdf(282.92 KB)   Additional Information: full citation, references, index terms

> **Keywords**: content distribution, dynamic content, mirroring, portability, replication, surrogate, web server

23 Security for Web Applications and P2P: Abstracting application-level web security   ■
David Scott, Richard Sharp
May 2002 **Proceedings of the eleventh international conference on World Wide Web**

Full text available: ▨ pdf(287.51 KB)   Additional Information: full citation, abstract, references, citings, index terms

> Application-level web security refers to vulnerabilities inherent in the code of a web-application itself (irrespective of the technologies in which it is implemented or the security of the web-server/back-end database on which it is built). In the last few months application-level vulnerabilities have been exploited with serious consequences: hackers have tricked e-commerce sites into shipping goods for no charge, user-names and passwords have been harvested and condential information (such as ...

> **Keyw rds**: application-Level web security, component-based design, security policy

description language

24 <u>Java resources for computer science instruction</u>

Joseph Bergin, Thomas L. Naps, Constance G. Bland, Stephen J. Hartley, Mark A. Holliday,
Pamela B. Lawhead, John Lewis, Myles F. McNally, Christopher H. Nevison, Cheng Ng, George
J. Pothering, Tommi Teräsvirta
December 1998 **Working Group reports of the 3rd annual SIGCSE/SIGCUE ITiCSE
conference on Integrating technology into computer science education**

Full text available: <u>pdf(107.98 KB)</u>   Additional Information: <u>full citation</u>, <u>references</u>, <u>index terms</u>

25 <u>Declarative specification of Web sites with S</u>

Mary Fernández, Daniela Florescu, Alon Levy, Dan Suciu
March 2000 **The VLDB Journal — The International Journal on Very Large Data Bases**,
Volume 9 Issue 1

Full text available: <u>pdf(188.65 KB)</u>   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>citings</u>, <u>index terms</u>

S is a system for implementing *data-intensive* Web sites, which typically integrate
information from multiple data sources and have complex structure. S's key idea is
separating the management of a Web site's data, the specification of its content and
structure, and the visual representation of its pages. S provides a declarative *query
language* for specifying a site's content and structure, and a simple *template language* for
specifying a site's HTML representation. This paper ...

Keywords: Declarative query languages, Web-site management

26 <u>Java resources for computer science instruction</u>

Joseph Bergin, Thomas L. Naps, Constance G. Bland, Stephen J. Hartley, Mark A. Holliday,
Pamela B. Lawhead, John Lewis, Myles F. McNally, Christopher H. Nevison, Cheng Ng, George
J. Pothering, Tommi Teräsvirta
December 1998 **ACM SIGCSE Bulletin**, Volume 30 Issue 4

Full text available: <u>pdf(2.29 MB)</u>   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>citings</u>, <u>index terms</u>

The goal of this working group was to collect, evaluate, and foster the development of
resources to serve as components of both new and revised traditional courses that
emphasize object-oriented software development using Java. These courses could, for
example, integrate Internet-based distributed programming, concurrency, database
programming, graphics and visualization, human interface design and object-oriented
development. They could therefore also be suitable as capstone courses in computer ...

27 <u>The state of the art in automating usability evaluation of user interfaces</u>

Melody Y. Ivory, Marti A Hearst
December 2001 **ACM Computing Surveys (CSUR)**, Volume 33 Issue 4

Full text available: <u>pdf(2.31 MB)</u>   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>citings</u>, <u>index
terms</u>, <u>review</u>

Usability evaluation is an increasingly important part of the user interface design process.
However, usability evaluation can be expensive in terms of time and human resources, and
automation is therefore a promising way to augment existing approaches. This article
presents an extensive survey of usability evaluation methods, organized according to a new
taxonomy that emphasizes the role of automation. The survey analyzes existing techniques,
identifies which aspects of usability evaluation aut ...

Keywords: Graphical user interfaces, taxonomy, usability evaluation automation, web

interfaces

28 Implementing an e-commerce curriculum in a CIS program
Rahul Tikekar, Daniel Wilson
January 2001 **The Journal f Computing in Small Colleges**, Volume 16 Issue 2

Full text available: pdf(409.83 KB)   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>citings</u>, <u>index terms</u>

In this paper we describe the development of an e-commerce curriculum in the CIS program at Southern Oregon University. The e-commerce curriculum is incorporated through a set of two courses. The first is a client-server programming course that introduces the structure of the web along with client and server side scripting techniques. The second is a corporate web development course, which builds on the earlier course by introducing elements of e-commerce technology such as security and encry ...

29 CS265 web network and web site management development of a core course in the Internet technology minor curriculum
Kevin D. Hufford
April 2001 **The Journal of Computing in Small Colleges , Proceedings of the sixth annual CCSC northeastern conference on The journal of computing in small colleges**, Volume 16 Issue 4

Full text available: pdf(91.28 KB)   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>index terms</u>

The Internet is rapidly expanding into the world of commerce and communication media. The students in many different college majors, including CS and CIS, have an increasing desire to learn more about the Internet and what, where, when, why and how it is used. The question that they have is "How can they get involved and learn about the Internet as it relates to their major field of interest. Our current college students are witnessing a phenomenal effort by organizations of all types (e.g., ...

30 Middleware for software leasing over the Internet
H.-A. Jacobsen, O. Günther
November 1999 **Proceedings of the 1st ACM conference on Electronic commerce**

Full text available: pdf(270.10 KB)   Additional Information: <u>full citation</u>, <u>references</u>, <u>index terms</u>

31 Industrial sessions: middle-tier caching: Middle-tier database caching for e-business
Qiong Luo, Sailesh Krishnamurthy, C. Mohan, Hamid Pirahesh, Honguk Woo, Bruce G. Lindsay, Jeffrey F. Naughton
June 2002 **Proceedings of the 2002 ACM SIGMOD international conference on Management of data**

Full text available: pdf(1.20 MB)   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>citings</u>, <u>index terms</u>

While scaling up to the enormous and growing Internet population with unpredictable usage patterns, E-commerce applications face severe challenges in cost and manageability, especially for database servers that are deployed as those applications' backends in a multi-tier configuration. Middle-tier database caching is one solution to this problem. In this paper, we present a simple extension to the existing federated features in DB2 UDB, which enables a regular DB2 instance to become a DBCache wi ...

32 Web mining for web personalization
Magdalini Eirinaki, Michalis Vazirgiannis
February 2003 **ACM Transactions n Internet Technology (TOIT)**, Volume 3 Issue 1

Web personalization is the process of customizing a Web site to the needs of specific users, taking advantage of the knowledge acquired from the analysis of the user's navigational behavior (usage data) in correlation with other information collected in the Web context, namely, structure, content, and user profile data. Due to the explosive growth of the Web, the domain of Web personalization has gained great momentum both in the research and commercial areas. In this article we present a survey ...

Keywords: WWW, Web personalization, Web usage mining, user profiling

33 <u>Systems and prototypes: Java support for data-intensive systems: experiences building the telegraph dataflow system</u> ■

Mehul A. Shah, Michael J. Franklin, Samuel Madden, Joseph M. Hellerstein
December 2001 **ACM SIGMOD Record**, Volume 30 Issue 4

Database system designers have traditionally had trouble with the default services and interfaces provided by operating systems. In recent years, developers and enthusiasts have increasingly promoted Java as a serious platform for building data-intensive servers. Java provides a number of very helpful language features, as well as a full run-time environment reminiscent of a traditional operating system. This combination of features and community support raises the question of whether Java is be ...

34 <u>An architecture to support scalable online personalization on the Web</u> ■

Anindya Datta, Kaushik Dutta, Debra VanderMeer, Krithi Ramamritham, Shamkant B. Navathe
August 2001 **The VLDB Journal — The International Journal on Very Large Data Bases**, Volume 10 Issue 1

Online personalization is of great interest to e-companies. Virtually all personalization technologies are based on the idea of storing as much historical customer session data as possible, and then querying the data store as customers navigate through a web site. The holy grail of online personalization is an environment where fine-grained, detailed historical session data can be queried based on current online navigation patterns for use in formulating real-time responses. Unfortunately, as mo ...

Keywords: Behavior-based personalization, Dynamic lookahead profile, Profile caching, Scalable online personalization, Web site and interaction model

35 <u>Education and training: An XML-based approach to multimedia software engineering for distance learning</u> ■

T. Arndt, S. K. Chang, A. Guercio, P. Maresca
July 2002 **Proceedings of the 14th international conference on Software engineering and knowledge engineering**

Multimedia Software Engineering (MSE) is a new frontier for both Software Engineering (SE) and Visual Languages (VL). In fact multimedia software engineering can be considered as the discipline for systematic specification, design, substitution and verification of visual patterns. Visual Languages contribute to MSE such concepts as: Visual notation for software specification, design and verification flow charts, ER diagrams, Petri Nets, UML visualization, visual programming languages etc. Multim ...

Membership   Publications/Services   Standards   Conferences   Careers/Jobs

IEEE Xplore®
RELEASE 1.5

Help   FAQ   Terms   IEEE Peer Review   **Quick Links**   ▼   » Search R

Welcome to IEEE Xplore®

O- Home
O- What Can
   I Access?
O- Log-out

Tables of Contents

O- Journals
   & Magazines
O- Conference
   Proceedings
O- Standards

Search

O- By Author
O- Basic
O- Advanced

Member Services

O- Join IEEE
O- Establish IEEE
   Web Account
O- Access the
   IEEE Member
   Digital Library

🖳 Print Format

Your search matched **18** of **988420** documents.

A maximum of **18** results are displayed, **25** to a page, sorted by **Relevance** in **descending** order.

You may refine your search by editing the current search expression or entering a new one the text box.

Then click **Search Again**.

| ((web-based)and (server-side)) | **Search Again**

Results:
Journal or Magazine = **JNL**   Conference = **CNF**   Standard = **STD**

---

1   **Security considerations for distributed Web-based e-commerce applications in Java**
Lindquist, T.E.;
System Sciences, 2002. HICSS. Proceedings of the 35th Annual Hawaii International Conference on , 7-10 Jan. 2002
Page(s): 5 pp.

[Abstract]   [PDF Full-Text (328 KB)] **IEEE CNF**

---

2   **A Java-based method for developing Web application system**
Li Chunlin;
Communications, 1999. APCC/OECC '99. Fifth Asia-Pacific Conference on ... and Fourth Optoelectronics and Communications Conference , Volume: 2 , 18-22 Oct. 1999
Page(s): 1079 -1082 vol.2

[Abstract]   [PDF Full-Text (348 KB)] **IEEE CNF**

---

3   **Efficient Web-based access to multiple geographic databases through automatically generated wrappers**
Cha, S.K.; Kihong Kim; Changbin Song; Yongsik Kwon; Sangyong Hwang;
Web Information Systems Engineering, 2000. Proceedings of the First International Conference on , Volume: 1 , 19-21 June 2000
Page(s): 34 -41 vol.1

[Abstract]   [PDF Full-Text (752 KB)] **IEEE CNF**

---

4   **Integrating Windows streaming media techn l gies int a virtual**

classr om envir nment
Stephen Huang; Hui Hu;
Multimedia Software Engineering, 2000. Proceedings. International Symposium on ,
11-13 Dec. 2000
Page(s): 411 -418

[Abstract]   [PDF Full-Text (904 KB)] **IEEE CNF**

5 Web-based modeling and simulation
Narayanan, S.;
Simulation Conference Proceedings, 2000. Winter , Volume: 1 , 10-13 Dec. 2000
Page(s): 60 -62 vol.1

[Abstract]   [PDF Full-Text (272 KB)] **IEEE CNF**

6 Extracting information from semi-structured Internet sources
Jong-Seok Jeong; Dong-Ik Oh;
Industrial Electronics, 2001. Proceedings. ISIE 2001. IEEE International Symposium
on , Volume: 2 , 12-16 June 2001
Page(s): 1378 -1381 vol.2

[Abstract]   [PDF Full-Text (336 KB)] **IEEE CNF**

7 A web-based testing system with dynamic question generation
McGough, J.; Mortensen, J.; Johnson, J.; Fadali, S.;
Frontiers in Education Conference, 2001. 31st Annual , Volume: 3 , 10-13 Oct. 2001
Page(s): S3C -23-8 vol.3

[Abstract]   [PDF Full-Text (425 KB)] **IEEE CNF**

8 SQL/SDA: a query language for supporting spatial data analysis and its Web-based implementation
Hui Lin; Bo Huang;
Knowledge and Data Engineering, IEEE Transactions on , Volume: 13 Issue: 4 , July-
Aug. 2001
Page(s): 671 -682

[Abstract]   [PDF Full-Text (2184 KB)] **IEEE JNL**

9 Architecture f data mining server: DATAFRONT/Server
Ashida, H.; Morita, T.;

Systems, Man, and Cybernetics, 1999. IEEE SMC '99 Conference Proceedings. 1999
IEEE International Conference on , Volume: 5 , 12-15 Oct. 1999
Page(s): 882 -887 vol.5

[Abstract]   [PDF Full-Text (408 KB)] **IEEE CNF**

10 Design and implementation of WBT system components and test t ols for WBT content standards

Nakabayashi, K.; Kubota, Y.; Yoshida, H.; Shinohara, T.;
Advanced Learning Technologies, 2001. Proceedings. IEEE International Conference
on , 6-8 Aug. 2001
Page(s): 213 -214

[Abstract]   [PDF Full-Text (148 KB)] **IEEE CNF**

11 Public sound objects: a shared musical space on the web

Barbosa, A.; Kaltenbrunner, M.;
Web Delivering of Music, 2002. WEDELMUSIC 2002. Proceedings. Second Internation
Conference on , 9-11 Dec. 2002
Page(s): 9 -16

[Abstract]   [PDF Full-Text (329 KB)] **IEEE CNF**

12 Developing an undergraduate distributed development course

Conti, G.J.; Hill, J.M.D.; Carver, C.A.Jr.;
Frontiers in Education, 2002. FIE 2002. 32nd Annual , Volume: 1 , 6-9 Nov. 2002
Page(s): T3G-12 -T3G-17 vol.1

[Abstract]   [PDF Full-Text (452 KB)] **IEEE CNF**

13 WebBlow: a Web/agent based MDO environment

Weiming Shen; Ying Wang; Yinsheng Li; Yan Ma; Ghenniwa, H.H.;
Computer Supported Cooperative Work in Design, 2002. The 7th International
Conference on , 25-27 Sept. 2002
Page(s): 245 -251

[Abstract]   [PDF Full-Text (453 KB)] **IEEE CNF**

14 Mining client-side activity f r personalization

Fenstermacher, K.D.; Ginsburg, M.;
Advanced Issues of E-Commerce and Web-Based Information Systems, 2002.

(WECWIS 2002). Proceedings. Fourth IEEE International Workshop on , 26-28 June 2002
Page(s): 205 -212

[Abstract]   [PDF Full-Text (283 KB)] **IEEE CNF**

15 Enhancing a web-server cluster with quality of service mechanisms
Cardellini, V.; Casalicchio, E.; Colajanni, M.; Mambelli, M.;
Performance, Computing, and Communications Conference, 2002. 21st IEEE International , 3-5 April 2002
Page(s): 205 -212

[Abstract]   [PDF Full-Text (847 KB)] **IEEE CNF**

16 Learning technologies to foster critical reasoning
Riesbeck, C.K.; Lin Qin; Weusijana, B.K.; Walsh, J.T.; Parsek, M.;
Engineering in Medicine and Biology Magazine, IEEE , Volume: 22 Issue: 4 , July-Aug 2003
Page(s): 55

Searching for **web based and server side and asp**.
Restrict to: <u>Header</u> <u>Title</u> Order by: <u>Citations</u> <u>Hubs</u> <u>Usage</u> <u>Date</u> Try: <u>Amazon</u> <u>B&N</u> <u>Google (RI)</u> <u>Google</u>
<u>(Web)</u> <u>CSB</u> <u>DBLP</u>
23 documents found. **Order: citations weighted by year.**

<u>Analyzing The Impact Of Dynamic Pages On The Performance Of.. - Mendes, Almeida (1998)</u> <u>(Correct)</u> <u>(3 citations)</u>
3 The InetInfo process in NT manages the **Web based** services provided by IIS 3.0 (e.g.HTTP,
performance improved by the following: 1) thread-**based Web** servers, 2) better HTTP header encoding and 3)
as new technologies appear (e.g.Java, ActiveX, **Server Side** Scripts) in response to users' increasing
www.cs.rutgers.edu/~ricardob/courses/internet/papers/impact.ps.gz

<u>A Web-Based Information System For Diagnosing, Servicing And.. - Vanier, Pakanen (2001)</u> <u>(Correct)</u>
A **Web-Based** Information System For Diagnosing, Servicing
animations. Most of the pages are created using **server-side** scripting based on Active Server Pages **(ASP)**
server-side scripting based on Active Server Pages **(ASP)** technology, but Java applets are also used.
www.itcon.org/2001/4/paper.pdf

<u>Technology - Journal Managed Runtime</u> <u>(Correct)</u>
an e-commerce workload modelled after a small **Web-based** bookstore. This workload is designed to
processing, whether HTML **(ASPX** pages) or XML **based (Web** Services)At any given moment, a pipeline
for modular page design, using extensible **server-side** controls, that enables component-based
developer.intel.com/technology/itj/2003/volume07issue01/art04_optimizing/vol7iss1_art04.pdf

<u>Separating Business Process from User Interaction.. - Aberer, Datta.. (2003)</u> <u>(Correct)</u>
effort to learn new technology. Keywords. **Web-based** information systems, e-commerce systems, user
A considerable improvement was brought by **server side** scripting solutions -**ASP** and JSP in the
between the process logic, data and its presentation **aspects**. We endeavor to extend declarative (rule
lsirpeople.epfl.ch/adatta/ProfessionalStuff/Publications/xslt-wf.pdf

<u>High-Speed Networks and Multimedia Communications.. - Fast Intercept Of</u> <u>(Correct)</u>
is formally infinite. For example, in annotation **based web** content transcoding [2]the transcoder has to
processing in the service model where **server side** help may also be available. One can think EDIP
via Internet. The Application Service Provider **(ASP)** modifies the content and adds value to the
bristi.facnet.mcs.kent.edu/~javed/medianet/publications/HPNMM2002DL-fastfiltering-KH.pdf

<u>XML-Based Offline Website Generation - Armardeilh, Becker</u> <u>(Correct)</u>
format, including standard HTML files and other **web-based** formats. The XML input can have a structure
avoids having additional requirements on the **server side** such as CGI interfaces or Servlet engines.
has more than one author. Separating these di#erent **aspects** of a site has been addressed in a number of
www.kvocentral.com/kvopapers/adcs02becker.pdf

<u>Intermediary Infrastructures for the WWW - Dikaiakos (2002)</u> <u>(Correct)</u>
tous interface for accessing Internet and **Web-based** services. Through their user-interface,
30 43] H. Rao, Y. Chen, and M. Chen. A Proxy-**based Web** Archiving Service. In Middleware Symposium,
applications (see Figure 3)for instance, with **server-side** scripting following the CGI standard [58,
www.cs.ucy.ac.cy/mdd/publ/TR-02-3.pdf

<u>A pattern system for the development of collaborative.. - Guerrero, Fuller (2001)</u> <u>(Correct)</u>
synchronous collaborative appli- cations on the **Web, based** on the events notification service. Group
side) and Microsoft Exchange Server (at the **server side)** 32]Outlook supports the ability to manage
paper we propose a pattern system to design basic **aspects** of data sharing, communication, and
www.dcc.uchile.cl/~luguerre/cc51h/recursos/guerrero.pdf

<u>Separating Business Process from User Interaction.. - Aberer, Datta..</u> <u>(Correct)</u>
effort to learn new technology. Keywords. **Web-based** information systems, e-commerce systems, user
A considerable improvement was brought by **server side** scripting solutions -**ASP** and JSP in the first
between the process logic, data and its presentation **aspects**. We endeavor to extend declarative (rule

1sirpeople.epfl.ch/adatta/ProfessionalStuff/Publications/xslt-wf-AbererDattaDespotovic.pdf

Object Oriented Mapping for HTML Documents - Francesco Garelli Garelli (2001)   (Correct)
existing HTML services, like search engines or **web based** mailboxes. Then we define a tool which convert
based architectures evolved both on client and **server sides** [2]a better look and feel. Web pages
been seen 432 times reload form action=search.asp"option type=text" name=keys"option
www-lia.deis.unibo.it/books/woa2001/pdf/13.pdf

Routed Message Driven Beans: A new Abstraction for using EJBs - Wilde, Meyer (2001)   (Correct)
also an entire programming framework for building **Web-based** applications. These environments are
containing a result)the architectures on the **server side** have evolved significantly. Three basic
Pages (JSP)and Microsoft's Active Server Pages (**ASP**)Scripting languages are embedded into Web
dret.net/netdret/docs/tikrep102.pdf

The Object-JavaScript Language - Dennis Hennen Suresh   (Correct)
that allows developers to create complex **web-based** programs quickly. OJS software is available for
technologies oer more of these features than do **server-side** solutions. Java and JavaScript are the two
these circumstances. Also, scripting languages like **ASP** tie developers to a single server platform.
acuity.cis.ohio-state.edu/Nois/Tguide/ojs.ps

Haskell Server Pages - Functional Programming and the.. - Meijer, van Velzen (2001)   (Correct)
every major application will be completely **web-based**, or at a minimum have a web front end. Such
and HaskellCGI [21]a library for writing **server-side** CGI scripts. Experience with the CGI library
[17]XSP (Extensible Server Pages) 20]and **ASP** Active Server Pages) 9]The latter is quite
research.microsoft.com/~emeijer/Papers/HSP.pdf

Websigns: Hyperlinking Physical Locations to the Web - Pradhan, Brignone, Cui.. (2001)   (Correct)
supports and the number of websigns. Open and **Web-based**. The websign system operates in an environment
work on developing a system that consists of a **server-side** infrastructure for mapping and delivering
display a message on the device. Users control all **aspects** of v-tags, including the option of selectively
www.cooltown.com/dev/wpapers/websigns-IEEE.pdf

Sumitra Chary and Panagoula Zografou - Smithsonian Astrophysical..   (Correct)
be available to clients using a Web browser. This **Web-based** solution to data browsing is currently
Server Cascade Gateway Open Server Firewall **Server -side** Middleware JConnect Client Application
Astronomical Data Analysis Software And Systems Vii **Asp** Conference Series, Vol. 145, 1998 R. Albrecht, R.
marvel.stsci.edu/stsci/meetings/adassVII/reprints/charys.ps.gz

Supporting Remote User Defined Functions in Heterogeneous.. - Chen, Jamil (2001)   (Correct)
with considerable ease. The complex nature of **Web-based** forms, their dynamic nature and interactive
the output type is somewhat dicult without some **server side** assistance as we plan to use these functions
of such migration because of not addressing this **aspect** in their framework for interoperability. Most
www.cs.msstate.edu/~jamil/my-pub-papers/chen-bibe-2001.ps.gz

Investigation and Development of Quality of Service Management.. - Dalton (2000)   (Correct)
Development of Quality of Service Management for **Web based** Services Managing Quality of Service from the
3-33 3.5.1 **Server-Side**
4-38 4.2.1 A Single **ASP** and Multiple Services
ftp.cs.tcd.ie/pub/tech-reports/reports.00/TCD-CS-2000-45.pdf

Layout, Content and Logic Separation in Web Engineering - Kerer, Kirda   (Correct)
and static information. 1.1 Terminology A **web-based** service is concerned with the following three
defined by the user. Several popular template-**based web** tools support template-**based web** engineering.
engineering can generally be classified as being **serverside** or client-side. Applets and JavaScript are
www.infosys.tuwien.ac.at/myxml/we_www9.ps

Design Guidelines and UI Standards for Web Based Telco.. - Source Adc..   (Correct)
TITLE: Design Guidelines and UI Standards for **Web Based** Telco Applications Source: ADC
is not tied with any specific platform on the **server side**. However, the downloading time of Java applets
Html, Jscript, VBscript, Active Server Pages (**ASP**)dhtml Dynamic text, windows look and feel
ftp.t1.org/pub/t1m1/m1.5/dir99/9m150410.pdf

Try your query at: Amazon Barnes & Noble Google (RI) Google (Web) CSB DBLP

CiteSeer - citeseer.org - Terms of Service - Privacy Policy - Copyright © 1997-2002 NEC Research Institute

CiteSeer Find: web-based development [Documents] [Citations]

Searching for **PHRASE web based development**.
Restrict to: <u>Header</u> <u>Title</u> Order by: <u>Citations</u> <u>Hubs</u> <u>Usage</u> <u>Date</u> Try: <u>Amazon</u> <u>B&N</u> <u>Google (RI)</u> <u>Google (Web)</u> <u>CSB</u> <u>DBLP</u>
2 documents found. **Order: citations weighted by year.**

<u>A Generic Query Visualisation Mechanism - Kardasis</u> <u>(Correct)</u>
(e.g. AVS/EXPRESS [12]and also several **Web based development** support environments like ACTIVEX [1] and
www.co.umist.ac.uk/Comp-ISG/publications/biwit97kardasis.ps

One or more of the query terms is very common - only partial results have been returned. Try <u>Google (RI)</u>.

<u>Reliability Simulation of Component-Based Software Systems - Swapna Gokhale (1998)</u> <u>(Correct)</u>
of object-oriented systems design and **web-based development**, component-based software systems have
www.cse.cuhk.edu.hk/~lyu/postscript/issre98_1.ps

Try your query at: <u>Amazon</u> <u>Barnes & Noble</u> <u>Google (RI)</u> <u>Google (Web)</u> <u>CSB</u> <u>DBLP</u>

CiteSeer - <u>citeseer.org</u> - <u>Terms of Service</u> - <u>Privacy Policy</u> - Copyright © 1997-2002 <u>NEC Research Institute</u>

Search Results - Record(s) 1 through 20 of 30 returned.

☐ 1. Document ID: US 20030217104 A1

L17: Entry 1 of 30   File: PGPB   Nov 20, 2003

PGPUB-DOCUMENT-NUMBER: 20030217104
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030217104 A1

TITLE: Dispatching application steps in a client/server environment

PUBLICATION-DATE: November 20, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Hamdan, Amen	Stuttgart		DE	
Hohl, Fritz	Stuttgart		DE	

US-CL-CURRENT: 709/203

ABSTRACT:

The underlying invention generally relates to the field of client/server
architectures and distributed processing systems. It pertains e.g. to mobile service
portals, application servers and transaction system in heterogeneous
telecommunication networks where these applications are employed.

Interactions are transmitted e.g. via Internet and/or any corporate network to the
application server (102c) where the main part of the application (202a) is executed,
and the application (202a) creates output that contains the next set of possible
user interactions. Thereby, an application (202a) is defined as a program that
executes cycles in which output is transferred to the users and cycles in which it
waits for user interactions. It is split up into different parts that are able to
handle single user interactions either directly or by using other parts, which are
called "steps" (109a-c). In this connection, the invention solves the problem of
re-using steps (109d-i) in other applications (202b/c) in a uniform way, the problem
of automatically calling steps (109a-i) according to user interactions in an
HTTP-independent way, and the problem of allowing a nested usage of said steps
(109a-i).

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw Desc | Image |

☐ 2. Document ID: US 20030208505 A1

L17: Entry 2 of 30   File: PGPB   Nov 6, 2003

PGPUB-DOCUMENT-NUMBER: 20030208505
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030208505 A1

TITLE: Dynamic class inheritance and distributed caching with object relational
mapping and cartesian model support in a database manipulation and mapping system

PUBLICATION-DATE: November 6, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Mullins, Ward	San Francisco	CA	US	
Martins, Alexandre	Floianopolis SC		BR	

US-CL-CURRENT: 707/102

ABSTRACT:

The present invention provides a system and method for dynamic object-driven database manipulation and mapping system which relates in general to correlating or translating one type of database to another type of database or to an object programming application. Correlating or translating involves relational to object translation, object to object translation, relational to relational, or a combination of the above. Thus, the present invention is directed to dynamic mapping of databases to selected objects. Also provided are systems and methods that optionally include caching components, security features, data migration facilities, and components for reading, writing, interpreting and manipulating XML and XMI data files.

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw Desc | Image

---

3. Document ID: US 20030152904 A1

L17: Entry 3 of 30   File: PGPB   Aug 14, 2003

PGPUB-DOCUMENT-NUMBER: 20030152904
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030152904 A1

TITLE: Network based educational system

PUBLICATION-DATE: August 14, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Doty, Thomas R. JR.	Mableton	GA	US	

US-CL-CURRENT: 434/350

ABSTRACT:

A network based educational system is described. The system generally includes a student interface, a classroom interface and an administrative interface. Synchronous and asynchronous applications are used, typically with streaming video to deliver courseware to learners on the system.

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | KWIC | Draw Desc | Image

---

4. Document ID: US 20030145305 A1

L17: Entry 4 of 30   File: PGPB   Jul 31, 2003

PGPUB-DOCUMENT-NUMBER: 20030145305
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030145305 A1

TITLE: Method for developing and managing large-scale web user interfaces (WUI) and computing system for said WUI

PUBLICATION-DATE: July 31, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Ruggier, Mario	Segny		FR	

US-CL-CURRENT: 717/100

ABSTRACT:

A method for developing and managing large-scale web user interfaces (WUI), comprising: designing and implementing the WUI using the Model View Controller (MVC) paradigm, and adding an additional layer (5) to the MVC paradigm, said additional layer (5) comprising a UI description (1), said UI description comprising all UI elements that are used by at least one of the MVC implementation components, such as views and the sub-elements used to define them, descriptions of content data, and the behavior of the WUI.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments		KWIC	Draw Desc	Image

---

☐ 5. Document ID: US 20030135543 A1

L17: Entry 5 of 30   File: PGPB   Jul 17, 2003

PGPUB-DOCUMENT-NUMBER: 20030135543
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030135543 A1

TITLE: Web-based system and method

PUBLICATION-DATE: July 17, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Kittredge, Todd H.	Centerville	MA	US	
Stacy, Mark J.	Marstons Mills	MA	US	
Cammarano, Joseph F.	Centerville	MA	US	
DiCostanzo, Troy	Centerville	MA	US	

US-CL-CURRENT: 709/203; 709/218

ABSTRACT:

A system and method for converting/generating web application programs is disclosed so that the system user or developer may perform substantially all activities with respect to a web application at the web browser level rather that at the web server or application server level to effect changes in the web application operation.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments		KWIC	Draw Desc	Image

---

☐ 6. Document ID: US 20030084120 A1

L17: Entry 6 of 30   File: PGPB   May 1, 2003

PGPUB-DOCUMENT-NUMBER: 20030084120

TITLE: Software framework for web-based applications

PUBLICATION-DATE: May 1, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Egli, Paul	Scotts Valley	CA	US	

US-CL-CURRENT: 709/218

ABSTRACT:

A Web application framework for creating Web-based applications is described. The framework includes an abstract command tag that predefines at least some generic Web application activities. When using the framework, one specifies at least one custom action that is desired to be performed by a Web application under development. This includes creating a Java class that extends the abstract command tag for providing execution logic for the (at least one) custom action, in addition to pre-existing logic that supports the (at least some) generic Web application activities, thereby creating a corresponding customized command tag that is capable of being embedded within a Web page. The customized command tag includes the ability to conditionally execute the specified (at least one) custom action based on run-time conditions. The customized command tag is embedded in a Web page of the Web application. During run-time operation of the Web application, the customized command tag is invoked for conditionally executing the specified (at least one) custom action based on run-time conditions.

---

7. Document ID: US 20030056030 A1

TITLE: System and method for web-based remote procedure call (RPC)

PUBLICATION-DATE: March 20, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Gao, Yang	Fremont	CA	US	
Shi, Zheng John	San Francisco	CA	US	
Gao, Shun	San Jose	CA	US	
Mazda, Armeen	Tiburon	CA	US	

US-CL-CURRENT: 709/330

ABSTRACT:

The present invention permits a Remote Procedure Call (RPC) to be executed from a Web page displayed in a standard Microsoft Web browser window, without adding a URL to the Web browser's history list. In one aspect of the invention, a HTML <form> element is used to transmit the HTTP request to the server and a HTML <iframe> element is used to receive the HTTP response. Traditionally, each data transmission received by a HTML <iframe> element is logged to the history list. This is problematic as it clutters the history list, compromises the functionality of the

browser "Back" and "Forward" buttons, and results in undesirable server operations to be executed. The present invention utilizes the HTML <iframe> element such that data is received without adding a URL to the history list. The present invention can be used to build a lightweight Web page that offers real-time data and interactivity.

---

8. Document ID: US 20030053615 A1

L17: Entry 8 of 30   File: PGPB   Mar 20, 2003

PGPUB-DOCUMENT-NUMBER: 20030053615
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030053615 A1

TITLE: Methods and apparatus for automated monitoring and action taking based on decision support mechanism

PUBLICATION-DATE: March 20, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Anderson, Gregory	Colleyville	TX	US	
Anupam, Vinod	Bridgewater	NJ	US	
Hull, Richard B.	Chatham	NJ	US	
Kumar, Bharat	Bridgewater	NJ	US	

US-CL-CURRENT: 379/265.09

ABSTRACT:

Techniques are provided for use in accordance with such systems as web sites operating e-commerce applications, IVR systems and workflow systems for providing automated monitoring of user activity and personalized action taking based on such activity, in accordance with an on-line decision support mechanism.

---

9. Document ID: US 20030028451 A1

L17: Entry 9 of 30   File: PGPB   Feb 6, 2003

PGPUB-DOCUMENT-NUMBER: 20030028451
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030028451 A1

TITLE: Personalized interactive digital catalog profiling

PUBLICATION-DATE: February 6, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Ananian, John Allen	Miyagi		JP	

US-CL-CURRENT: 705/27

ABSTRACT:

An interactive and enhanced digital Instant Catalog of products, services, and information that is personalized or personally profiled, to each unique user of the catalog. The catalog instantly and intelligently captures, stores, manages, and processes self-selected, reusable and "re-distributable" catalog groupings anonymously, for personalizing, enhancing, monitoring, tracking, and peer sharing through multiple mediums and platforms by intelligent agents for a variety of user and vendor specified purposes. The personally profiled cataloged information can be viewed instantaneously and simultaneously by each effected component or member of a supply chain, at the time the product or service has been cataloged, without identifying the cataloger. The user, who preferably employs a Web browser over the Internet, personalizes the interactively produced intelligent catalog content. Products, services, and information groupings are digitally captured and stored by an intelligent catalog agent for enhanced personalized interaction and networking through a peer sharing network, or through an open catalog exchange. The user has the ability to create their own individualized world of products, services, and information that is contextually tailored to each user's unique environment in real-time. Web services hosted within a personal Extranet can anonymously assist and facilitate a context specific task or service insightfully and spontaneously. Through the selective cataloging of multi-vendor products, services, and information, a user is able to fully control, personalize, enhance and share, any lifestyle interest captured from ITV, print, the World Wide Web, businesses, and peers.

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | | KWIC | Draw Desc | Image |

☐ 10. Document ID: US 20030018954 A1

L17: Entry 10 of 30   File: PGPB   Jan 23, 2003

PGPUB-DOCUMENT-NUMBER: 20030018954
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030018954 A1

TITLE: Paradigm for server-side dynamic client code generation

PUBLICATION-DATE: January 23, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Ponticelli, Salvador	Caracas		VE	
Babic, Paul	Caracas		VE	

US-CL-CURRENT: 717/106

ABSTRACT:

The present invention discloses a novel model for dynamic server-side generation of computer program code which can be executed at the client machine.

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | | KWIC | Draw Desc | Image |

☐ 11. Document ID: US 20020147887 A1

L17: Entry 11 of 30   File: PGPB   Oct 10, 2002

PGPUB-DOCUMENT-NUMBER: 20020147887
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020147887 A1

TITLE: Distributed execution coordination for web caching with dynamic content

PUBLICATION-DATE: October 10, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Copeland, George P.	Austin	TX	US	
Conner, Michael H.	Austin	TX	US	
Flurry, Gregory A.	Austin	TX	US	

US-CL-CURRENT: 711/118

ABSTRACT:

A system and method are disclosed, according to which, the responsiveness of client/server-based distributed web applications operating in an object-oriented environment may be improved by coordinating execution of cacheable entries among a group of web servers, operably coupled in a network. In an exemplary embodiment, entries are considered to be either commands or Java Server Pages (JSPs), and the system and method are implemented by defining a class of objects (i.e., CacheUnits) to manage the caching of entries. An entry must be executed before it can be stored in a cache. Since this is computationally costly, each cacheable entry has an associated coordinating CacheUnit, which sees to it that only one CacheUnit executes an entry. Once the entry has been executed, a copy of it resides in the cache of the coordinating CacheUnit, from which it can be accessed by other CacheUnits without having to re-execute it.

```
┌──────┬───────┬──────────┬───────┬────────┬────────────────┬──────┬───────────┬───────────┬─────────────┐       ┌───────┬───────────┬────────┐
│ Full │ Title │ Citation │ Front │ Review │ Classification │ Date │ Reference │ Sequences │ Attachments │       │ Frame │ Draw Desc │ Image │
└──────┴───────┴──────────┴───────┴────────┴────────────────┴──────┴───────────┴───────────┴─────────────┘       └───────┴───────────┴────────┘
```

───

☐ 12. Document ID: US 20020138556 A1

L17: Entry 12 of 30   File: PGPB   Sep 26, 2002

PGPUB-DOCUMENT-NUMBER: 20020138556
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020138556 A1

TITLE: System for managing logical process flow in an online environment

PUBLICATION-DATE: September 26, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Smithline, Neil	Newton	MA	US	
Giridhar, Sathyanarayana	Boulder	CO	US	

US-CL-CURRENT: 709/203; 705/26, 707/10

ABSTRACT:

The invention uses a state machine to control the flow throughout a Web site including the execution of business logic, error handling and dispatching based on both user and programming events. This state machine is used as input to a flow processor and therein guides the system. The flow processor controls a series of online functions including HTML links, HTML form submissions, form processing, business logic execution, and business logic exceptions into one simple-to-manage element. Any required change to the logic flow of the system can be made by modifying just the flow processor itself, without necessary changes to the referenced online functions.

☐ 13.   Document ID: US 20020116583 A1

L17: Entry 13 of 30   File: PGPB   Aug 22, 2002

PGPUB-DOCUMENT-NUMBER: 20020116583
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020116583 A1

TITLE: Automatic invalidation dependency capture in a web cache with dynamic content

PUBLICATION-DATE: August 22, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Copeland, George P.	Austin	TX	US	
Conner, Michael H.	Austin	TX	US	
Flurry, Gregory A.	Austin	TX	US	

US-CL-CURRENT: 711/133

ABSTRACT:

A system and method are disclosed, according to which, the responsiveness of client/server-based distributed web applications operating in an object-oriented environment may be improved by effectively tracking dependencies between cached entries. In an exemplary embodiment, each cacheable data item is assigned a data ID, and each cache entry has an associated list of data IDs for data upon which it is dependent. The data ID list accounts for indirect dependence. A cache entry that indirectly depends on a data item (e.g., a JSP which calls a command that uses the data item) includes the item's data ID among its dependencies. If the data item changes, all the dependent entries may be readily identified by means of their data ID list. Invalidation methods that utilize the data ID are contemplated herein, as an efficient mechanism for managing invalidation dependencies.

☐ 14.   Document ID: US 20020116582 A1

L17: Entry 14 of 30   File: PGPB   Aug 22, 2002

PGPUB-DOCUMENT-NUMBER: 20020116582
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020116582 A1

TITLE: Batching of invalidations and new values in a web cache with dynamic content

PUBLICATION-DATE: August 22, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Copeland, George P.	Austin	TX	US	
Conner, Michael H.	Austin	TX	US	
Flurry, Gregory A.	Austin	TX	US	

US-CL-CURRENT: 711/133; 711/144

ABSTRACT:

A system and method are disclosed, according to which, the responsiveness of client/server-based distributed web applications operating in an object-oriented environment may be improved by batching invalidations of cache entries. Cache invalidations require updates of invalid cache entries from the database. Since database accesses are time-consuming, it is advantageous to combine several invalidations and execute them all at once (i.e.--to batch them). In an exemplary embodiment, cache entries may be identified or located on the basis of a unique ID. A list of IDs can be compiled by an application and consulted by a batch invalidation daemon, which uses the IDs therein to invalidate the desired entries. Alternatively, a time limit property of each cache entry can be examined by a time limit invalidation daemon, to invalidate entries that have "timed out". Batching invalidations implies that invalid entries may remain in cache until the daemon wakes up. However, moderate latency in updating cached data is typically acceptable in e-business applications.

□ 15. Document ID: US 20020116474 A1

L17: Entry 15 of 30   File: PGPB   Aug 22, 2002

PGPUB-DOCUMENT-NUMBER: 20020116474
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020116474 A1

TITLE: Detecting and handling affinity breaks in web applications

PUBLICATION-DATE: August 22, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Copeland, George P.	Austin	TX	US	
Conner, Michael H.	Austin	TX	US	
Flurry, Gregory A.	Austin	TX	US	

US-CL-CURRENT: 709/219; 709/203

ABSTRACT:

A system and method are disclosed, according to which, the responsiveness of client/server-based distributed web applications operating in an object-oriented environment may be improved by detecting and handling affinity breaks between a client and server. Affinity exists when a client's requests are all routed to the same server. This is often the case, for example, during secure online transactions. A problem occurs when the preferred server becomes temporarily unavailable, and the client's requests are directed to a different server. When the original server is restored, it must detect the fact that its affinity with the client was disrupted, and any client-specific data in its cache may be invalid. In an exemplary embodiment of the system and method disclosed herein, an "affinity command" is exchanged between the client and the server during each client request. The affinity command contains a user ID associated with the client and a "generation ID", which is unique for each request. When a request is received from a client, the server examines the generation ID in the accompanying affinity command and compares it to its internally recorded value. If they match, the server knows it has not missed any requests. In this case, the server updates the generation ID and sends the new value back to the client, along with the requested cache entry. If the generation ID received from the client fails to match the recorded value, an affinity break is detected, and the server updates its cache from the database.

PGPUB-DOCUMENT-NUMBER: 20020116448
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020116448 A1

TITLE: Cofetching in a command cache

PUBLICATION-DATE: August 22, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Copeland, George P.	Austin	TX	US	
Conner, Michael H.	Austin	TX	US	
Flurry, Gregory A.	Austin	TX	US	

US-CL-CURRENT: 709/203; 709/213

ABSTRACT:

A system and method are disclosed, according to which, the responsiveness of client/server-based distributed web applications operating in an object-oriented environment may be improved by cofetching read only commands. In an exemplary embodiment, the system and method are implemented by defining special preExecute and postExecute methods of cacheable commands. The preExecute method of a requested command may be invoked to execute secondary commands and then return them to the requesting client. The postExecute method of a requested command may be invoked to place the returned commands in a cache, along with the requested command. In this manner, a single request can be used to execute, retrieve and cache multiple related commands. Cofetched commands are designated by the application developer when the requested command and its associated methods are created, and may be chosen based on their anticipated use in conjunction with the requested command. For example, a log-on command may cofetch other user authentication commands, since they are generally required immediately after the user logs on. Cofetching avoids the need to issue a separate request for every command.

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | | KWIC | Draw Desc | Image |

PGPUB-DOCUMENT-NUMBER: 20020112125
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020112125 A1

TITLE: Command caching to improve network server performance

PUBLICATION-DATE: August 15, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Copeland, George P.	Austin	TX	US	
Conner, Michael H.	Austin	TX	US	
Flurry, Gregory A.	Austin	TX	US	

US-CL-CURRENT: 711/125; 711/141

ABSTRACT:

A system and method are disclosed, according to which, the responsiveness of
client/server-based distributed web applications operating in an object-oriented
environment may be improved by caching read only commands. In an exemplary
embodiment, the system and method are implemented by defining a class of objects
(i.e. cacheable commands), along with associated methods and properties. Among the
new methods are methods adapted to designate a cache, enter a command into a cache,
search a cache for a specific command, etc. When the client requires a command, the
server responding to the request first seeks the command in its local cache. If the
command is not found locally, and sharing is enabled, the command is sought in the
cache of a peer server. If the command is not cached, the server prepares the
metadata for caching the command, executes the command and conveys the resulting
HTML code to the requesting client, and caches the command for subsequent requests.

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | | KWIC | Draw Desc | Image |

☐ 18. Document ID: US 20020111992 A1

L17: Entry 18 of 30   File: PGPB   Aug 15, 2002

PGPUB-DOCUMENT-NUMBER: 20020111992
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020111992 A1

TITLE: JSP composition in a cache for web applications with dynamic content

PUBLICATION-DATE: August 15, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Copeland, George P.	Austin	TX	US	
Conner, Michael H.	Austin	TX	US	
Flurry, Gregory A.	Austin	TX	US	

US-CL-CURRENT: 709/203; 709/216

ABSTRACT:

A system and method are disclosed, according to which performance of
client/server-based distributed web applications operating in an object-oriented
environment may be improved, by increasing the capacity of a cache for Java Server
Pages (JSPs). The main body of a JSP may contain calls to several other JSPs. The
conventional method of caching such a composite JSP places a fully expanded version
of each called JSP at the point in the main code from which it is called. This can
result in considerable redundancy, since the same JSP may be called from several
places. In an exemplary embodiment of the techniques disclosed herein for caching
composite JSPs, the called JSPs are stored separately from the main JSP, along with
links allowing the called JSPs to be located in the cache or executed. This
eliminates redundancy, since only one copy of each called JSP is required.

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | | KWIC | Draw Desc | Image |

☐ 19. Document ID: US 20020103737 A1

L17: Entry 19 of 30   File: PGPB   Aug 1, 2002

PGPUB-DOCUMENT-NUMBER: 20020103737

PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020103737 A1

TITLE: Marketing collateral repository and supporting data management and communication environment

PUBLICATION-DATE: August 1, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Briere, Daniel D.	Mansfield	CT	US	

US-CL-CURRENT: 705/36

ABSTRACT:

A method and apparatus for collection and dissemination of information in an organized and systematic manner using a one or more computer networks. The information is collected from its originators, sorted and organized in an efficient and searchable manner. The information can then be used by buyers to research and choose the products and services that best fit their needs and wants.

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments   KWIC | Draw Desc | Image

---

☐ 20. Document ID: US 20020091702 A1

L17: Entry 20 of 30   File: PGPB   Jul 11, 2002

PGPUB-DOCUMENT-NUMBER: 20020091702
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020091702 A1

TITLE: Dynamic object-driven database manipulation and mapping system

PUBLICATION-DATE: July 11, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Mullins, Ward	San Francisco	CA	US	

US-CL-CURRENT: 707/100

ABSTRACT:

The present invention provides a system and method for dynamic object-driven database manipulation and mapping system which relates in general to correlating or translating one type of database to another type of database or to an object programming application. Correlating or translating involves relational to object translation, object to object translation, relational to relational, or a combination of the above. Thus, the present invention is directed to dynamic mapping of databases to selected objects. Also provided are systems and methods that optionally include caching components, security features, data migration facilities, and components for reading, writing, interpreting and manipulating XML and XMI data files.

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments   KWIC | Draw Desc | Image

---

Generate Collection | Print

Terms	Documents
L12 and ASP	30

Display Format: [   ] [Change Format]

Previous Page   Next Page